

Appendix A (p. 1 of 7)

NCBI

National Library of Medicine National Institutes of Health

PubMed Entrez BLAST OMIM Books TaxBrowser Structure

Search UniGene

[Site Map](#)
[Guide to NCBI resources](#)

[About NCBI](#)
 An introduction for researchers, educators and the public

[GenBank](#)
 Sequence submission support and software

[Literature databases](#)
 PubMed, OMIM, Books, and PubMed Central

[Molecular databases](#)
 Sequences, structures, and taxonomy

[Genomic biology](#)
 The human genome, whole genomes, and related resources

[Tools](#)
 Data mining

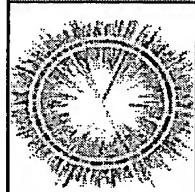
[Research at NCBI](#)
 People, projects, and seminars

[Software engineering](#)
 Tools, R&D, and databases

[Education](#)
 Teaching

What does NCBI do?

Established in 1988 as a national resource for molecular biology information, NCBI creates public databases, conducts research in computational biology, develops software tools for analyzing genome data, and disseminates biomedical information - all for the better understanding of molecular processes affecting human health and disease. [More...](#)

Microbial Diversity

Exploring "wild" microbial populations can reveal new species with novel metabolisms. A new study by Venter et al. describes a whole genome shotgun approach to environmental sampling of the Sargasso Sea. [Read more ...](#)

dbMHC

A new NCBI resource that provides a platform for genetic and clinical data related to the human Major Histocompatibility Complex (MHC) where users can submit, edit, view, exchange and analyse MHC data.

PubMed Central

An archive of life sciences journals

- Free fulltext
- Over 200,000 articles from over 140 journals
- Linked to PubMed and fully searchable

Use of PubMed Central requires no registration or fee. Access it from any computer with an Internet connection.

NCBI Newsletter

Entrez Query Goes "Global"

The new Entrez cross-database search page

Hot Spots

► Clusters of orthologous groups

► Coffee Break, Genes & Disease, NCBI Handbook

► Electronic PCR

► Entrez Home

► Entrez Tools

► Gene expression omnibus

► Human genome resources

► LocusLink

► Malaria genetics & genomics

► Map Viewer

► dbMHC

► Mouse genome resources

► ORF finder

► Rat genome resources

► Reference sequence project

► Retrovirus resources

► SAGEmap

► SKY/CGH database

Appendix A (p. 2 of 7)

resources and on-line tutorials

allows simultaneous searching of over twenty databases. Read in-depth about the global query feature in the most recent NCBI News.

- ▶ Trace archive
- ▶ VecScreen
- ▶ NCI-CGAP

FTP site
Download data and software

Contact information
How to reach us

National Center for Biotechnology Information
U.S. National Library of Medicine
8600 Rockville Pike, Bethesda, MD 20894
[Disclaimer](#) [Privacy statement](#) [Accessibility](#)



FIRSTGOV

Revised: March 16, 2004.

Appendix A (p. 3 of 7)

NCBI

Entrez PubMed Nucleotide Protein Genome Structure PMC Taxonomy Bc

Search UniGene for AA410298 Go Clear

Limits Preview/Index History Clipboard Details

Display Summary Show: 20 Sort Send to Text

UniGene
Query Tips
FAQ
DDD
Download UniGene

Related Resources
LocusLink
HomoloGene
dbEST
Trace Archive
BLAST
CGAP

1: Hs.483538
Transcribed sequences
Homo sapiens, 42 sequence(s)

[Restrictions on Use](#) | [Write to the Help Desk](#)
[NCBI](#) | [NLM](#) | [NIH](#)

Mar 11 2004

Appendix A (p. 4 of 7)

NCBI **UniGene**

PubMed Nucleotide Protein Genome Structure Popset Taxonomy

Search

Limits Preview/Index History Clipboard Details

UniGene Cluster Hs.483538 *Homo sapiens*

NCBI

Transcribed sequences

UniGene
Homepage
Query Tips
FAQs
DDD
Download UniGene

Related
Resources
LocusLink
HomoloGene
dbEST
Trace Archive
BLAST
CGAP

EXPRESSION INFORMATION

cDNA sources: adenocarcinoma ; placenta ; uterus ; breast ; glioblastoma (pooled) ; pooled ; pooled germ cell tumors ; anaplastic oligodendrogloma ; tumor, 5 pooled (see description) ; poorly differentiated adenocarcinoma with signet ring cell features ; two pooled squamous cell carcinomas ; carcinoid ; pooled lung and spleen ; heart ; Pooled human melanocyte, fetal heart, and pregnant uterus ; follicular lymphoma ; prostate ; Placenta ; fetal eyes, lens, eye anterior segment, optic nerve, retina, Retina Foveal and Macular, RPE and Choroid ; Lung ; Subchondral Bone ; Cell lines ; Liver and Spleen

SAGE : [Gene to Tag mapping](#)

SEQUENCE INFORMATION**No mRNA SEQUENCES CURRENTLY AVAILABLE****EST SEQUENCES (42)**

AA181256.1	cDNA clone	3' read 1.2 kb A
	IMAGE:624396	
AI291504.1	cDNA clone placenta	3' read 1.1 kb A
	IMAGE:1894957	
AI933232.1	cDNA clone anaplastic	3' read 1.0 kb A
	IMAGE:2466481 oligodendrogloma	
AI348150.1	cDNA clone adenocarcinoma	3' read 1.0 kb A
	IMAGE:1927094	
AI284964.1	cDNA clone adenocarcinoma	3' read 1.0 kb A
	IMAGE:1874198	
AI304761.1	cDNA clone adenocarcinoma	3' read 1.0 kb A
	IMAGE:1912533	
AI318380.1	cDNA clone adenocarcinoma	3' read 1.0 kb A
	IMAGE:1912234	
R82455.1	cDNA clone placenta	3' read 1.0 kb A
	IMAGE:149130	

Appendix A (p. 5 of 7)

<u>AI394480.1</u>	cDNA clone	glioblastoma	3' read 1.0 kb A
		IMAGE:2105518 (pooled)	
<u>AA908300.1</u>	cDNA clone	breast	3' read 1.0 kb A
		IMAGE:1441696	
<u>AI167529.1</u>	cDNA clone	Pooled human melanocyte, fetal heart, and pregnant uterus	3' read 0.9 kb A
		IMAGE:1661347	
<u>AA081241.1</u>	cDNA clone		3' read 0.9 kb A
		IMAGE:549318	
<u>AI249266.1</u>	cDNA clone	adenocarcinoma	3' read 0.9 kb A
		IMAGE:2005057	
<u>AI422211.1</u>	cDNA clone	glioblastoma	3' read 0.9 kb A
		IMAGE:2103496 (pooled)	
<u>AA983672.1</u>	cDNA clone	pooled	3' read 0.8 kb A
		IMAGE:1507728	
<u>AI242604.1</u>	cDNA clone	follicular lymphoma	3' read 0.8 kb A
		IMAGE:1966932	
<u>AI246708.1</u>	cDNA clone	Pooled human melanocyte, fetal heart, and pregnant uterus	3' read 0.7 kb A
		IMAGE:1857760	
<u>AI648485.1</u>	cDNA clone	tumor, 5 pooled	3' read 0.7 kb A
		IMAGE:2292618 (see description)	
<u>AI699314.1</u>	cDNA clone	pooled	3' read 0.5 kb A
		IMAGE:2301222	
<u>W02704.1</u>	cDNA clone	heart	3' read 0.5 kb A
		IMAGE:327100	
<u>AI417724.1</u>	cDNA clone	prostate	3' read 0.4 kb A
		IMAGE:2119436	
<u>AI653254.1</u>	cDNA clone	pooled germ cell	3' read 0.4 kb A
		IMAGE:2308523 tumors	
<u>AI342274.1</u>	cDNA clone	uterus	3' read A
		IMAGE:1949768	
<u>AW014362.1</u>	cDNA clone		3' read
		IMAGE:2710865	
<u>AW058401.1</u>	cDNA clone	poorly differentiated adenocarcinoma with signet ring cell features	3' read A
		IMAGE:2544196	
<u>AW262136.1</u>	cDNA clone	two pooled	3' read A
		IMAGE:2752270 squamous cell carcinomas	
<u>BE671628.1</u>	cDNA clone	carcinoïd	3' read A
		IMAGE:3286325	

Appendix A (p. 6 of 7)

<u>BF435430.1</u>	cDNA clone IMAGE:3268363	pooled	3' read	A
<u>BI049079.1</u>	cDNA clone (no- uterus name)			
<u>BI766410.1</u>	cDNA clone IMAGE:5202300	pooled lung and spleen	5' read	
<u>BI766478.1</u>	cDNA clone IMAGE:5202301	pooled lung and spleen	5' read	
<u>W20374.1</u>	cDNA clone IMAGE:327475	heart	3' read	A
<u>W35127.1</u>	cDNA clone IMAGE:327475	heart	5' read	A
<u>BQ026305.1</u>	cDNA clone UI- 1-BB0-abw-a- 09-0-UI	Placenta	3' read	
<u>BQ186668.1</u>	cDNA clone UI- E-EJ1-ajr-d-22- 0-UI	fetal eyes, lens, eye anterior segment, optic nerve, retina, Retina Foveal and Macular, RPE and Choroid	5' read	
<u>C00986.1</u>	cDNA clone (no- name)			
<u>BU681138.1</u>	cDNA clone UI- CF-EC1-abu-i- 21-0-UI	Lung	3' read	A
<u>CA426084.1</u>	cDNA clone UI- H-DF0-bek-i-18- 0-UI	Subchondral Bone	3' read	
<u>CA431042.1</u>	cDNA clone UI- H-FL1-bge-f-05- 0-UI	Cell lines	3' read	
<u>AA410298.1</u>	cDNA clone IMAGE:754449	Pooled human melanocyte, fetal heart, and pregnant uterus	3' read	A
<u>AA676646.1</u>	cDNA clone IMAGE:455014	Liver and Spleen	3' read	A
<u>AA411749.1</u>	cDNA clone IMAGE:753752	Pooled human melanocyte, fetal heart, and pregnant uterus	3' read	A

Key to Symbols

Appendix A (p. 7 of 7)

P Has similarity to known Proteins (after translation)
A Contains a poly-Adenylation signal
M Clone is putatively CDS-complete by MGC criteria

DOWNLOAD SEQUENCES

There will be a pause of up to one minute before your computer receives any data. The default filename will be "download" If your operating system responds to filename suffixes, remember to choose a suffix compatible with plain text or fasta formats.

Unix Download sequences

[switch to text mode](#)



[NLM](#) | [NIH](#) | [UniGene](#)

[Privacy Statement](#)

| [Disclaimer](#)

[NCBI Help](#)